Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number POWER OF ATTORNEY TO PROSECUTE APPLICATIONS BEFORE THE USPTO

37 CFR 3.73(b).								
I hereby appoint:								
X Practitioners associated with the Customer Number		27488						
OR L								
Practitioner(s) named below (if more than ten patent practitioners are to be named, then a customer number must be used):								
Г	Name		Registration Number				Registration Number	
as attorney(s) or agent(s) to represent the undersigned before the United States Patent and Trademark Office (USPTO) in connection with any and all patent applications assigned only to the undersigned according to the USPTO assignment records or assignment documents attached to this form in accordance with 37 CFR 3.73(b).								
Please change the correspondence address for the application identified in the attached statement under 37 CFR 3 73(b) to:								
X The address associated with Customer Number: 27488								
OR								
Firm or								
Address								
			100			T ==-		
City		State	State		Zip			
Country								
Telephone			Email					
Assignee Name and Address:								
Microsoft Corporation, One Microsoft Way, Redmond, Washington 98052								
mattered corporation, one microsoft may, reduinded, masteringeon 90002								
A copy of this form, together with a statement under 37 CFR 3.73(b) (Form PTO/SB/96 or equivalent) is required to be								
filed in each application in which this form is used. The statement under 37 CFR 3.73(b) may be completed by one of the practitioners appointed in this form if the appointed practitioner is authorized to act on behalf of the assignee,								
and must identify the application in which this Power of Attorney is to be filed.								
SIGNATURE of Assignee of Record The individual whose signature and title is supplied below is authorized to act on behalf of the assignee								
Signature V.Detta				Date			2-4-08	
Name	D. BARTLEY EFFENAMER				Telephone425, 892.8080			

Title SSOCIATE CHEEST LOUISS.

This collection of information is required by 37 CPR 131, 132 and 133. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO process) an application. Confidentially is powered by 38 US C. 122 and 37 CPR 1.11 and 1.14. This collection is estimated to tate of annivers to complete, including gathering, preparing, and submirring the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of their power neutron to complete the form and/or suggestions for reducing the submire, solved to set to the Chef Information Official.

U.S. Plateit and Tracement Office. U.S. Department of Commence, P.O. Box 1409, Alexandia, V.A. 2231-31450. DO NOT SEND FEES OR COMPLETED FORMS TO 1749. ADDRESS SEND TO. Commissioner for Patterins, P.O. Box 1409, Alexandia, V.A. 2231-31450.

Title